

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:  
Assistant Commissioner for Patents,  
Washington, D.C. 20231,  
on

9/21/98

PATENT

Attorney Docket No. 016994-003125US

TOWNSEND and TOWNSEND and CREW

By

Venice M. Weller

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: )  
H. Deboer et al. ) Examiner: Karen Hauda  
Application No.: 08/476,798 ) Art Unit: 1632  
Filed: June 7, 1995 )  
For: PRODUCTION OF RECOMBINANT )  
POLYPEPTIDES BY BOVINE )  
SPECIES AND TRANSGENIC ) Amendment After Final  
METHODS )  
)

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Please amend the application as follows.

In the Claims

Please cancel claims 98-113. Please add the following new claims.

114. A transgenic or chimeric bovine whose mammary gland cells contain a transgene, wherein the transgene comprises in operable association:

a mammary gland specific promoter;  
a mammary gland specific enhancer;  
a DNA sequence encoding a signal sequence functional in bovine mammary gland secretory cells; and  
a DNA sequence encoding a polypeptide of interest, wherein the transgenic or chimeric bovine or a female descendant of the transgenic bovine expresses the transgene in mammary secretory cells such that the polypeptide of interest is detectable in milk

*sub JI*

*E*